

Q. What is inspected?

A. Propane Fuel System

It will be inspected and tested for leaks. It must also bear the proper approval markings.

Filling and Gauging Fittings

These will be checked for proper location and secure mounting.

Remote Fill Box

It must be permanently sealed off from the interior of the motor vehicle and be of proper component construction.

Safety Relief Valve Discharge Lines

They will be inspected for material acceptability and proper connections.

Outlet Discharge of Safety Relief Valve

It must be located and angled correctly.

Vaporizer

It must bear the proper approval markings and be securely mounted.

Propane Supply Line

It will be checked to ensure it's equipped with a fuel lock-off valve which operates correctly.

Dual Fuel Systems

Both supply lines must have a fuel lock-off valve which operates correctly.

Hoses and Tubing

All hoses and tubing will be inspected for chafing or cracking; they will be checked to make sure they have been properly installed and protected. In addition, except for a vapour service hose of 35 kPa or less and the relief valve discharge hose, all propane-fuelled motor vehicles inspected on or after January 1, 1986 must be equipped with C.G.A. type III hose or equivalent, if hose is used. And, all tank-to-vaporizer supply hose and remote fill or gauging hose must be replaced at intervals not exceeding five years.

Valves

Inspectors will check them to ensure they have been installed and vented correctly.

Fuel Tank and Attachments

These will be inspected and tested for leaks and checked for proper installation, location and ventilation. There must be no evidence of external damage, rust or corrosion that could result in a leak or tank rupture. There must be acceptable road-to-tank clearance.

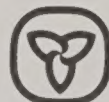
Propane Fuel Tank Mounting

The fuel tank must be mounted correctly and securely. It, too, will be inspected for weak or damaged components. And, the tank must be mounted away from or shielded from heat.

Precautionary Notes

As stated earlier, this initial inspection is to ensure all existing propane-fuelled motor vehicle conversions have been done properly and safely. However, after this initial inspection, any propane-fuelled motor vehicle owner who suspects there is a problem with their vehicle's propane system should have it checked and repaired immediately by a licensed motor vehicle propane fuel system installer or mechanic. In addition, if at any time your vehicle is involved in an accident and repaired, to ensure your safety, the propane fuel system should be re-inspected.

This pamphlet is only a general outline of the Propane-Fuelled Motor Vehicle Inspection Program. For official purposes, please refer to the Ontario Highway Traffic Act and the Ontario Energy Act and related regulations.



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Ministry of
Transportation and
Communications

Hon. James Snow, Minister
Harold Gilbert, Deputy Minister

5/84

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OWNERS OF PROPANE-FUELLED MOTOR VEHICLES IN ONTARIO

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Ministry of Transportation and Communications Ontario												
ORIGINAL EQUIPMENT MANUFACTURER VEHICLE												
YES NO												
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IF YOU DON'T GET THIS STICKER,
YOU'RE STUCK WITHOUT FUEL

Propane-Fuelled Motor Vehicle Inspection Program

What You Should Know

Since propane conversion began, problems have become apparent such as: the quality of conversion work, the existence of unregistered conversion shops, and vehicle component problems, particularly with regard to hoses, connections and fittings.

As a result, to ensure all existing propane motor vehicle conversions have been done properly and safely, all converted propane vehicles must be submitted for an inspection before JANUARY 1, 1985.

Questions and Answers

Q. Which propane-fuelled motor vehicles must be submitted for an inspection?

A. All motor vehicles registered in Ontario, operated on Ontario's highways, and equipped to use propane fuel must be submitted for an inspection.

Q. What about propane fuel systems in new motor vehicles installed by vehicle manufacturers?

A. These Original Equipment Manufacturer (OEM) propane-fuelled motor vehicles must be submitted for an inspection.

However, because vehicle manufacturer installers are required to comply with federal standards at the time of conversion, these vehicles will not have to undergo the full inspection. Their propane fuel systems will be checked for wear and tear, leaks and damage.

Q. What if the propane-fuelled motor vehicle is registered outside Ontario?

A. This program applies to propane-fuelled motor vehicles registered in Ontario only.

Q. Will my motor vehicle ever have to be re-submitted for another inspection?

A. Yes, it must be re-inspected if the motor vehicle ownership is being transferred and a Safety Standards Certificate is needed to re-register the vehicle to operate on Ontario's roads.

Q. How much does an inspection cost?

A. Inspection station operators are entitled to set their own prices. These can differ, so shop around.

Q. Where are these inspections done?

A. They can be completed at any "Motor Vehicle Inspection Station" licensed to inspect propane fuel systems. In addition, these may include propane conversion shops, insurance appraisal centres, etc. Ask around in your area.

Q. What will I receive to show an inspection has been completed and my motor vehicle's propane fuel system is OK?

A. An MTC propane motor vehicle inspection sticker will be affixed to the windshield of the vehicle if it passes the inspection.

Q. Where is this sticker affixed on the windshield?

A. Looking from inside the vehicle, it's affixed to the windshield in the lower right-hand corner.

Q. What if the sticker is placed incorrectly, or my windshield is broken and I have it replaced?

A. If placed incorrectly, it's still valid. However, the vehicle owner should return to the original inspection station and have them affix a sticker in the correct location.

If a windshield has been replaced, another sticker can be obtained from the original inspection station or the nearest driver and vehicle MTC district office, if you can supply proof of the original inspection. So, keep all receipts and the sticker number in a safe place. Replacement stickers cost \$1.00.

Q. What could happen if I don't get a propane motor vehicle inspection sticker by January 1, 1985?

A. You will be denied propane fuel. And, after that date, if the motor vehicle does not have a propane-fuelled motor vehicle inspection sticker, any person filling that motor vehicle with propane is liable to a fine of up to \$10,000 or up to one year in jail or both upon conviction. In addition, anyone caught driving a propane-fuelled motor vehicle without the appropriate sticker after January 1, 1985 is liable to a fine of up to \$200.

Also, police officers and MTC inspectors have the authority to remove the licence plates.

Q. If I have another type of inspection sticker or propane sticker, will that suffice?

A. No, it will not. All propane-fuelled motor vehicles must have an MTC propane-fuelled motor vehicle inspection sticker in order to obtain propane fuel after January 1, 1985.

Q. If I am unhappy about any aspect of the actual inspection, whom should I contact?

A. MTC vehicle inspection staff are located throughout the province. Call your local driver and vehicle MTC regional or district office and outline your concern.

Q. If, during the inspection, the inspector finds a problem stemming from improper installation or conversion, what recourse do I have against the conversion shop?

A. You should first return to the conversion shop where the work was carried out. Explain the problem, and ask if they will fix it. If you can't come to a mutually satisfying agreement, the vehicle owner may take civil action against the conversion shop. Your complaint should also be registered with the Ministry of Consumer and Commercial Relations, Fuels Safety Branch. Regional offices are located throughout the province.